

Work Order ID 92416

92416

Page 1

October-30-12 12:48:16 PM

Item ID: D3118-3 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Sign Assembly
 Start Date: 10/29/12 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 11/23/12 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: MLJ Date: 12-10-31 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____
 Run Start ***NR1***
 Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3118	D								
100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>18300</u>								
	Manufacture as per dwg D3118								
	Possible Supplier: Self powered lighting inc.								
	Supplier P#: AC/4ZZ								
	Material release note required .								
	Sign should be self-luminous to min. brightness of 160 microlamberts								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure Material Release Note is attached								

PL 12-10-01

PL 12/3/12 (8)

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

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 Required Date: 11/23/12 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	QC6- Inspect dimensions to drawing	0.00				8			
120									
QC	Memo	0.00							
Quality Control	Check dims to dwg and certification attached	133.7							
130	Identify as per dwg & Stock Location: <i>STOOL</i>	0.00				8x			
130									
Packaging	Memo	0.00							
Packaging									<i>50</i> <i>13-3-8</i>
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									<i>MCJ 13-03-11</i> <i>11 (13-03-8)</i>

NCR: Yes / No

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Picklist Print

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Work Order ID: 92416

Parent Item: D3118-3

Parent Item Name: Sign Assembly

Start Date: 10/29/12

Required Date: 11/23/12

Start Qty: 4.00-8

Required Qty: 4.00

Comments: IPP A: 02.05.15 New Issue NG
DWG REV.D DD VERF:EC

IPP REV:B 12.05.11 AS PER

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AC/4ZZ Sign Assembly		Purchased	No				Each	0.0000		4		10/30/12 (8)	

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

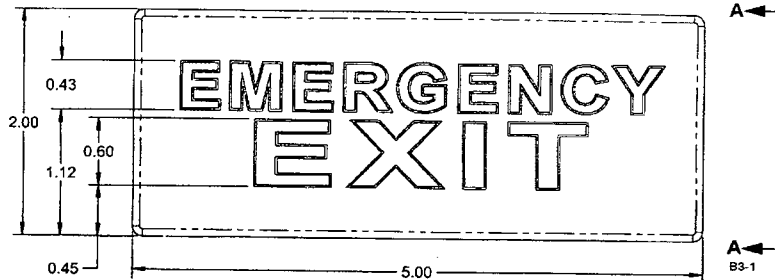
DQA: _____ Date: _____

QA Closed: _____ Date: _____

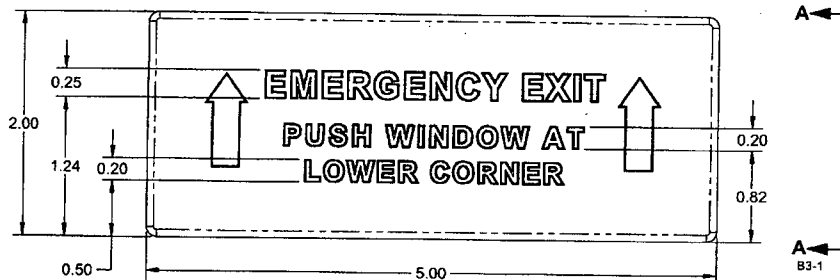
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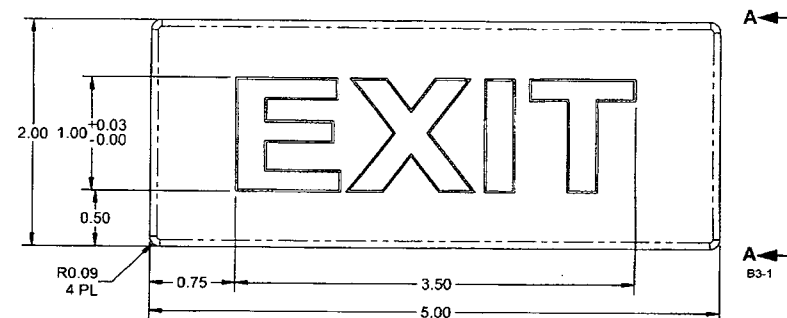
SPECIFICATION CONTROL DRAWING



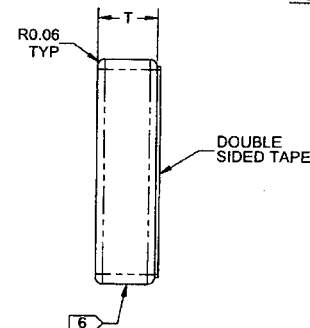
D3118-1 SIGN ASSEMBLY [9]
REPLACES PREMIER P/N 027-57000-01,
BHT P/N 46660-01008-00



D3118-3 SIGN ASSEMBLY [9]
REPLACES PREMIER P/N 027-57000-03,
BHT P/N 212-072-637-107



D3118-5 SIGN ASSEMBLY [9]



VIEW A-A C5-1
C1-1
B5-1

NOTES:

- 1) MATERIAL: POLYCARBONATE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: WITH DART P/N "D3118-X" AND B/N "BXXXXX" PER DART QSI 044 6.1
- 7) WEIGHT: 0.30 lbs EACH
- 8) POSSIBLE SUPPLIER: SELF POWERED LIGHTING INC.
31 WATERLOO AVE
BERWYN, PA 19312
PHONE: 484-595-9130
FAX: 484-595-9135
- 9) SEE TABLE FOR SUPPLIER PROCUREMENT P/N'S
- 10) SIGNS SHOULD BE A RED BACKGROUND, CLEAR LETTERING WITH WHITE BORDER AROUND EACH LETTER
- 11) SIGNS SHOULD BE SELF-LUMINOUS TO MINIMUM BRIGHTNESS OF 160 MICROLAMBERTS

DART PART NUMBER	SUPPLIER PART NUMBER	THICKNESS "T"
D3118-1	AC4-O OR AC/4O	0.52
D3118-3	AC4-ZZ OR AC/4ZZ	0.52
D3118-5	AC4-A OR AC/4-A	0.66

D	UPDATED TO COMPLY WITH QSI 043; ADDED SUPPLIER P/N PROCUREMENT CHART (ZN A4-1). REF: PAR11-127.		MB	11.11.02
C	ADD D3118-5		RF	05.02.22
B	ADD MINIMUM BRIGHTNESS = 160 MICROLAMBERTS		RF	04.05.05
A	NEW ISSUE		RF	02.04.15
REV.	DESCRIPTION		BY	DATE
DESIGN	MB		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MB			
CHECKED	MB			
MFG. APPR.	MB			
APPROVED	MB		DRAWING NO.	REV. D
DE APPR.	MB		D3118	SHEET 1 OF 1
DATE	11.11.02		TITLE	SCALE
			SIGN ASSEMBLY	NTS
COPYRIGHT © 2002 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR REPRODUCED OR IN ANY MANNER WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD.				

RELEASED
2012-05-10

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 92416-ML5
12-10-31



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18300**

Purchase Order Date 11/1/2012

PO Print Date 11/1/2012

Page Number 1 of 1

Order From :

VU-SEL001

SELF POWERED LIGHTING, INC.
31 WATERLOO AVENUE, PO BOX 657
BERWYN, PA 19312
US

Contact Name

Vendor Phone 484 595 9130

Vendor Fax 484 595 9135

Vendor Account Nbr

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
11/1/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	AC/4ZZ	Sign Assembly	3/15/2013 Yes	8.00 Each	FedEx PI collect	\$161.0000	\$1,288.00

Special Inst: AS PER DWG: D3118 REV: D
B92416
SIGN SHOULD BE SELF LUMINUS TO
MIN 160 MICROLAMBERT

PO Total:

\$1,288.00

Change Nbr: 2

Change Date: 11/1/2012

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO



Self-Powered Lighting

Self-Powered Lighting, Inc.

31 Waterloo Avenue

P.O. Box 657

Berwyn, PA 19312

T: (484) 595-9130 F: (484) 595-9135

Page Number:

Primary P.O.: **PO18300**

SSI ID #: **0024954**

Order Date: 1/8/2013

Ship Date: 2/14/2013

PACK SLIP

SHIP TO:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON K6A 1K7

Canada

Confirm To:

Reference	Ship VIA	F. O. B.	Terms
60385	FED EX EXP COLL	PLANT	Net 30 Days

ITEM NO.	DESCRIPTION	TBq	ORDERED	SHIPPED	BACK ORD
AC/4-ZZ-M		0.191	8.00	8	8
AC/4-ZZ EM EXIT PSH WINDOW @ LWR CORNER					
5.16ci					
SERIAL NUMBERS: A13-1170 - A13-1177					
<input checked="" type="checkbox"/> Check box if serial number(s) are the same, else fill in range			Beg #	End #	
PLEASE SHIP SOONER IF POSSIBLE					

SHIELD SOURCE INCORPORATED

This package conforms to the conditions and limitations specified in 49 CFR 173.424 for radioactive material, excepted package - Instruments or Articles, UN2911.

TOTAL BOXES: 1 TOTAL WEIGHT: 4 LBS

END USER INFO:
DART AEROSPACE, 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7 CANADA



31 WATERLOO AVE., PO BOX 657
BERWYN, PA 19312

CERTIFICATE OF CONFORMANCE

Customer : DART AEORSPACE LTD.	MFG : SHIELD SOURCE INC.
PO # : PO18300	SPL Order # : 60385
PNR : AC/4-ZZ	S/N : A13-1170-A13-1177
Customer PNR:	Qty. Shipped: 8

The undersigned certifies that all articles included in each shipment under the above Purchase Order are in accordance with the said Purchase Order and with all requirements, specifications and drawings pertinent to (including without limitations, all requirements, specifications and drawings as to process, finish and techniques) listed or referenced in said Order, and that materials used conform to the requirements of 14 CFR 25.853(a) (1) (iv), burn test criteria. All articles comply with FAA regulations and N.I.S.T. Standards.

- ☐ In addition, the above referenced Part Number complies with the FAA regulations 14 CFR 25.811 (b) (2) with a minimal brightness of 160 micro lamberts.
- ☒ In addition, the above referenced Part Number conforms to the Drawing.
- ☐ In addition, the above referenced Part Number complies with the FAA regulations 14 CFR 25.812 (b) (1) with a minimal brightness of 400 micro lamberts

Inspected By: Alana Hillis
Q.C. Personnel



(Seal)

Date: March 4, 2013